8/17/06

Robinson *et al.* Appl. No. 09/942,583

Amendments to the Specification

Please replace the paragraph that begins on page 13, line 25, with the following paragraph:

Fig. 2A shows Figs. 2A and 2B show protection of mice against IP infection with *N.meningitidis* strain K454 by use of detergent and high, medium and low molecular weight extracts of *N.lactamica* cells - upper panel (Fig. 2A) = challenge by 2 x 10^7 CFU, lower panel (Fig. 2B) = challenge by $6x10^8$ CFU;

Please replace the paragraph that begins on page 13, line 30, with the following paragraph:

Fig. 2B Fig. 2C shows the components of the high, medium and low molecular weight fractions of fig. 2A Figs. 2A and 2B;

Please replace the paragraph that begins on page 14, line 3, with the following paragraph:

Fig. 5 shows Figs. 5A and 5B show protection of mice against IP infection with *N.meningitidis* strain K454 when immunised with low molecular weight subfractions - upper panel (Fig. 5A) = challenge by 5 x 10^6 CFU, lower panel (Fig. 5B) = challenge by 1 x 10^8 CFU.

Please replace the paragraph that begins on page 14, line 15, with the following paragraph:

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Fig. 8 shows Figs. 8A-8E show histograms comparing pMIDG100 (promoterless gfp) to pMIDG101 (gfp under the control of the ner promoter);

Please replace the paragraph that begins on page 14, line 18, with the following paragraph:

Fig. 9-shows Figs. 9A and 9B show detection of GFP expression by western blot in commensal Neisseria using anti-GFP antibody conjugated to horseradish peroxidase, GFP being detected in strains harbouring the pMIDG101 plasmid;

Please replace the paragraph that begins on page 14, line 30, with the following paragraph:

Fig. 12-Shows Figs. 12A-12J show a comparison of the protection against meningococal challenge provided by N. lactamica OMVs or N. meningitidis OMVs (from strain K454) N. lactamica OMVs, N. meningitidis OMVs (from strain K454) or N. cinerea OMVs. Protection against 5 different challenge strains from different clonal lineages is demonstrated. Protection against meningococcal challenge is also provided by N. cinerea OMVs.

Please replace the paragraph that begins on page 14, line 36, with the following paragraph:

OK TO KER 10/4/04 10/4/04 Figure 13 Shows Figs. 13A-13D show protection against challenge by 4 different meningococcal strains provided by N. lactamica OMVs or the N. lactamica low molecular weight subfraction.

Please replace the paragraph that begins on page 35, line 15, with the following paragraph:

In A: In Fig. 9A: Lane 1, GFP; 2, N. cinerea NRL32165 wild-type; 3, N. cinerea NRL32165 pMIDG100; 4, N. cinerea NRL32165 pMIDG101; 5, N. subflava NRL30017 wild-type; 6, N. subflava NRL30017 pMIDG100; 7, N. subflava NRL30017 pMIDG101; 8, N. flava NRL30008 wild-type; 9, N. flava NRL30008 pMIDG100; 10, N. flava NRL30008 pMIDG101

Please replace the paragraph that begins on page 35, line 21, with the following paragraph:

In B; In Fig. 9B: Lane 1, GFP; 2, N. flavescens 2830 wild-type; 3, N. flavescens 2830 pMIDG100; 4, N. flavescens 2830 pMIDG101; 5, N. sicca M98-252234 wild-type; 6, N. sicca M98-252234 pMIDG100; 7, N. sicca M98-252234 pMIDG101

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